

Converting Colors

Yxy(60.5465, 0.3189, 0.3333)

Have a look what the booklet for
Yxy(60.5465, 0.3189, 0.3333)
contains.

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Color

Yxy(60.7658, 0.3187, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	D0CCC8
RGB	208, 204, 200
RGB Percent	82%, 80%, 78%
CMY	0.1842, 0.2000, 0.2158
CMYK	0.00, 0.02, 0.04, 0.18
HSL	30°, 8%, 80%
HSV	30°, 4%, 82%
XYZ	58.0343, 60.7658, 63.2969
YIQ	204.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

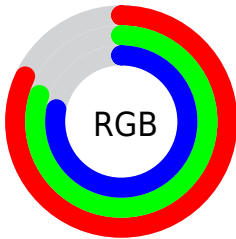
Format	Color
R_{YB}	208, 208, 200
Decimal	13683912
CIE Lab	82.25, 0.68, 2.48
CIE LCh	82, 2.574, 74.703
Yxy	60.7658, 0.3187, 0.3337
Android (android.graphics.Color)	4291873992 (0xFFD0CCC8)
YUV	204.7400, -2.3368, 2.8590
Hunter-Lab	77.9524, -3.5263, 6.4235

Details

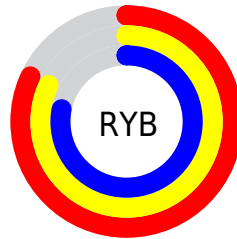
The Yxy color **60.7658, 0.3187, 0.3337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0202, 0.3068, 0.3243**, and the grayscale version is **60.8930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.7580, 0.3206, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **55.0759, 0.3357, 0.3464**, and if you desaturate by 10%, it is **66.9242, 0.3039, 0.3218**.

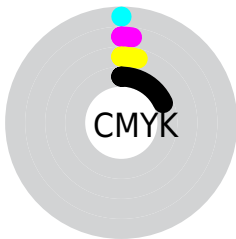
Distribution



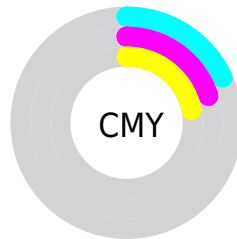
- Red (82%)
- Green (80%)
- Blue (78%)



- Red (82%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7658, 0.3187, 0.3337 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 60.7658, 0.3187, 0.3337 by changing the saturation by 10% instead.

■ 60.7658, 0.3187,
0.3337

■ 60.7658, 0.3187,
0.3337

427.4148, 0.3158,
0.3315

■ 44.0362, 0.3194,
0.3342

105.9398, 0.3177,
0.3329

■ 30.6990, 0.3202,
0.3349

135.1529, 0.3173,
0.3326

■ 20.3697, 0.3213,
0.3357

169.2960, 0.3170,
0.3323

■ 12.6641, 0.3228,
0.3369

208.7535, 0.3167,
0.3321

■ 7.1976, 0.3249,
0.3385

253.9097, 0.3164,
0.3319

■ 3.5860, 0.3281,
0.3410

305.1490, 0.3162,

■ 1.4448, 0.3336,

0.3318

362.8559, 0.3160,
0.3316

0.3452

0.2494, 0.4220,
0.4150

0.0000, 0.0000,
0.0000

60.7658, 0.3187,
0.3337

60.7658, 0.3187,
0.3337

55.0759, 0.3357,
0.3464

66.9242, 0.3039,
0.3218

49.8350, 0.3550,
0.3596

73.5544, 0.2910,
0.3108

45.0332, 0.3768,
0.3732

80.1852, 0.2838,
0.3081

40.6578, 0.4010,
0.3863

86.3307, 0.2844,
0.3192

■ 36.6951, 0.4272,
0.3984

■ 92.1544, 0.2849,
0.3289

■ 33.1304, 0.4546,
0.4082

■ 29.9479, 0.4820,
0.4145

■ 27.1303, 0.5077,
0.4161

■ 24.6579, 0.5299,
0.4122

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.7658, 0.3191, 0.3314



60.7658, 0.3187, 0.3337



60.7658, 0.3167, 0.3347

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.7658, 0.3187, 0.3337



60.7658, 0.3077, 0.3295



60.7658, 0.3118, 0.3239

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



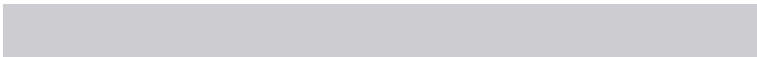
60.7658, 0.3187, 0.3337



60.0202, 0.3068, 0.3243

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.7658, 0.3088, 0.3234



60.7658, 0.3187, 0.3337



60.7658, 0.3064, 0.3265

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.7658, 0.3187, 0.3337



60.7658, 0.3103, 0.3323



60.7658, 0.3068, 0.3243



60.7658, 0.3152, 0.3258

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.7658, 0.3187, 0.3337



60.7658, 0.3147, 0.3345



60.7658, 0.3068, 0.3243



60.7658, 0.3107, 0.3236

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.7684, 0.3187, 0.3337



99.0252, 0.3142, 0.3302



59.0771, 0.3160, 0.3242



21.2058, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



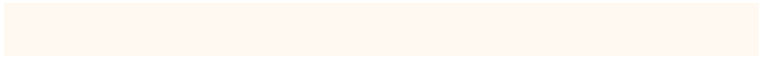
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7684, 0.3187, 0.3337



95.2017, 0.3206, 0.3352



62.6449, 0.3184, 0.3382



13.2504, 0.3215, 0.3359



14.7089, 0.5398, 0.4096



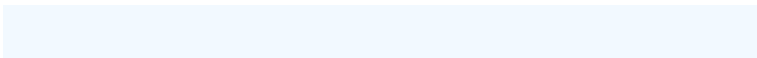
0.9811, 0.5119, 0.4317

Inverse Universe

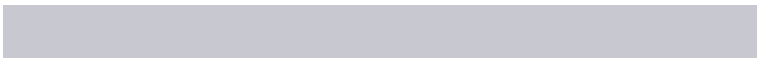
The Inverse Universe completely reimagines the original color for something new.



60.0202, 0.3068, 0.3243



93.6652, 0.3050, 0.3228



58.1901, 0.3069, 0.3196



13.0113, 0.3041, 0.3220



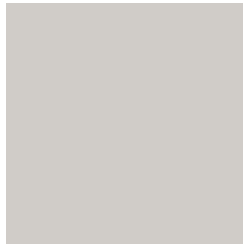
9.2152, 0.1775, 0.1591



0.6740, 0.1868, 0.1924

Previews

White Background



This preview shows how the Yxy color 60.7658, 0.3187, 0.3337 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 60.7658, 0.3187, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

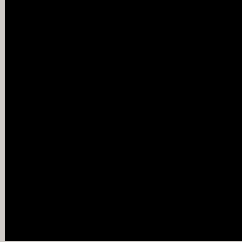
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

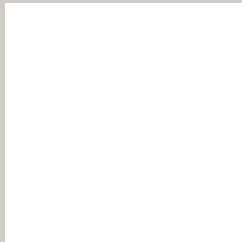
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7658, 0.3187, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 60.7658, 0.3187, 0.3337.

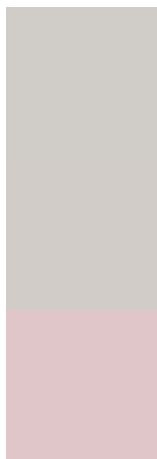


This preview shows how white text looks on a background with the Yxy color 60.7658, 0.3187, 0.3337.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.7658, 0.3187, 0.3337

Protanopia

60.9112, 0.3194, 0.3337

Deuteranopia

60.6128, 0.3320, 0.3257



Tritanopia

60.6319, 0.3090, 0.3108

Trichromacy



Original Color

60.7658, 0.3187, 0.3337

Protanomaly

60.9112, 0.3194, 0.3337

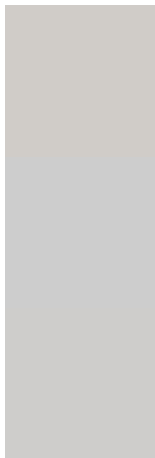
Deuteranomaly

60.5857, 0.3270, 0.3279

Tritanomaly

60.6458, 0.3124, 0.3187

Monochromacy



Original Color

60.7658, 0.3187, 0.3337

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0963, 0.3149, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7658, 0.3187, 0.3337 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 200) }
```

Border

The CSS property to change the border of an element to Yxy 60.7658, 0.3187, 0.3337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 204, 200) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 204, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7658, 0.3187, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
204, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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